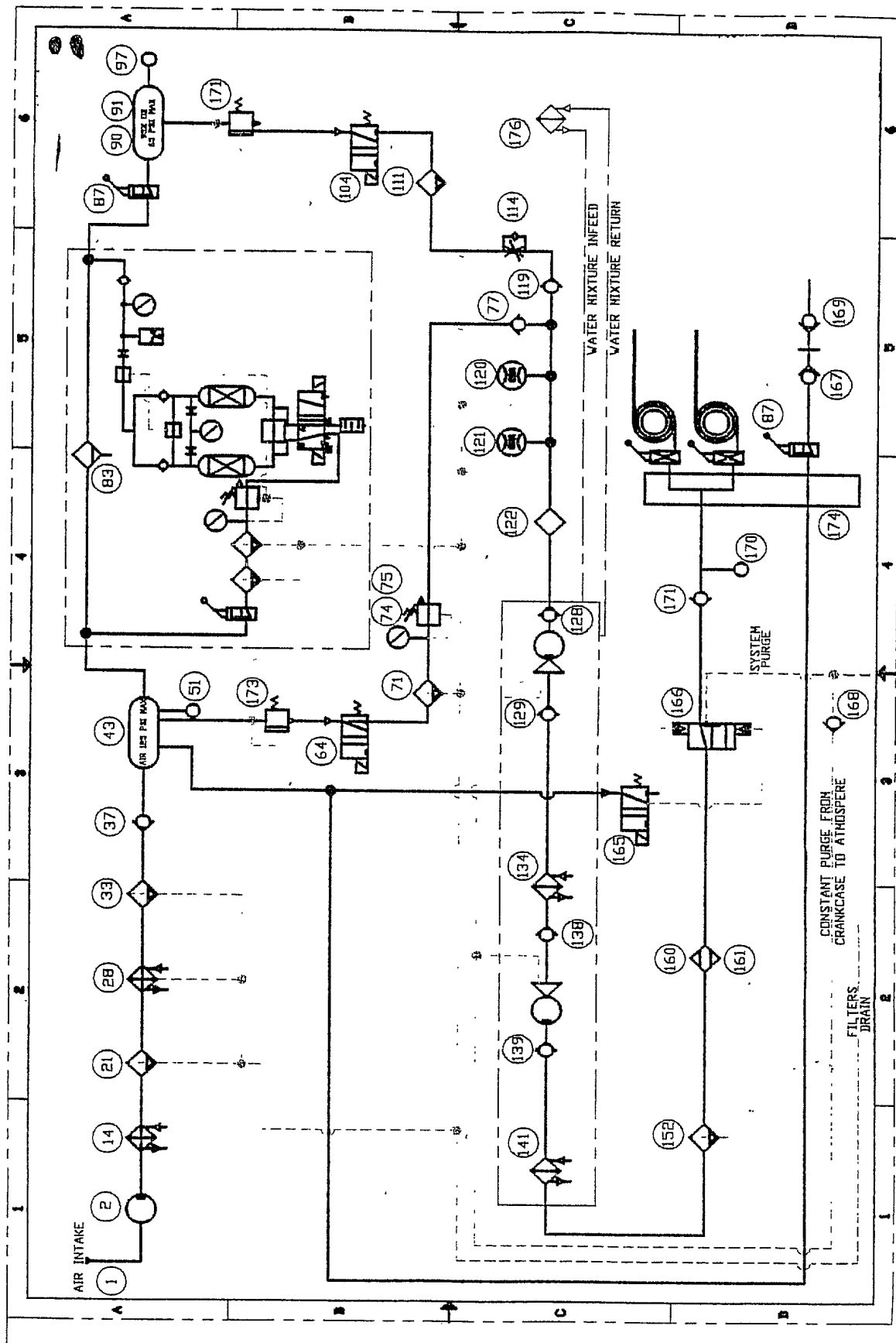


FIG. 1



210

inlet gas

High Volume Low Pressure Compressor 212

Receiver 216

Absorbent Bed 18 containing molecular sieve 20 Heating element 224

Purge Valve 222

Enriched gas receiver 228

Blending Valve 232

low pressure enriched gas delivery 242

enriched gas inlet gas mixture low P delivery 236

high pressure non-lubricated bath cooled compressor 238

Cascade high pressure storage system 280

Control system 260

Pressure Transducer

inlet gas from 216

high pressure enriched gas inlet gas mixture 256

high pressure enriched gas 258

SOLENOID VALVE 15

SOLENOID VALVE 219

214

217

226

230

234

234

240

246

248

252

Figure 2.

FIG. 3

